

FIG. 1(Prior Art)

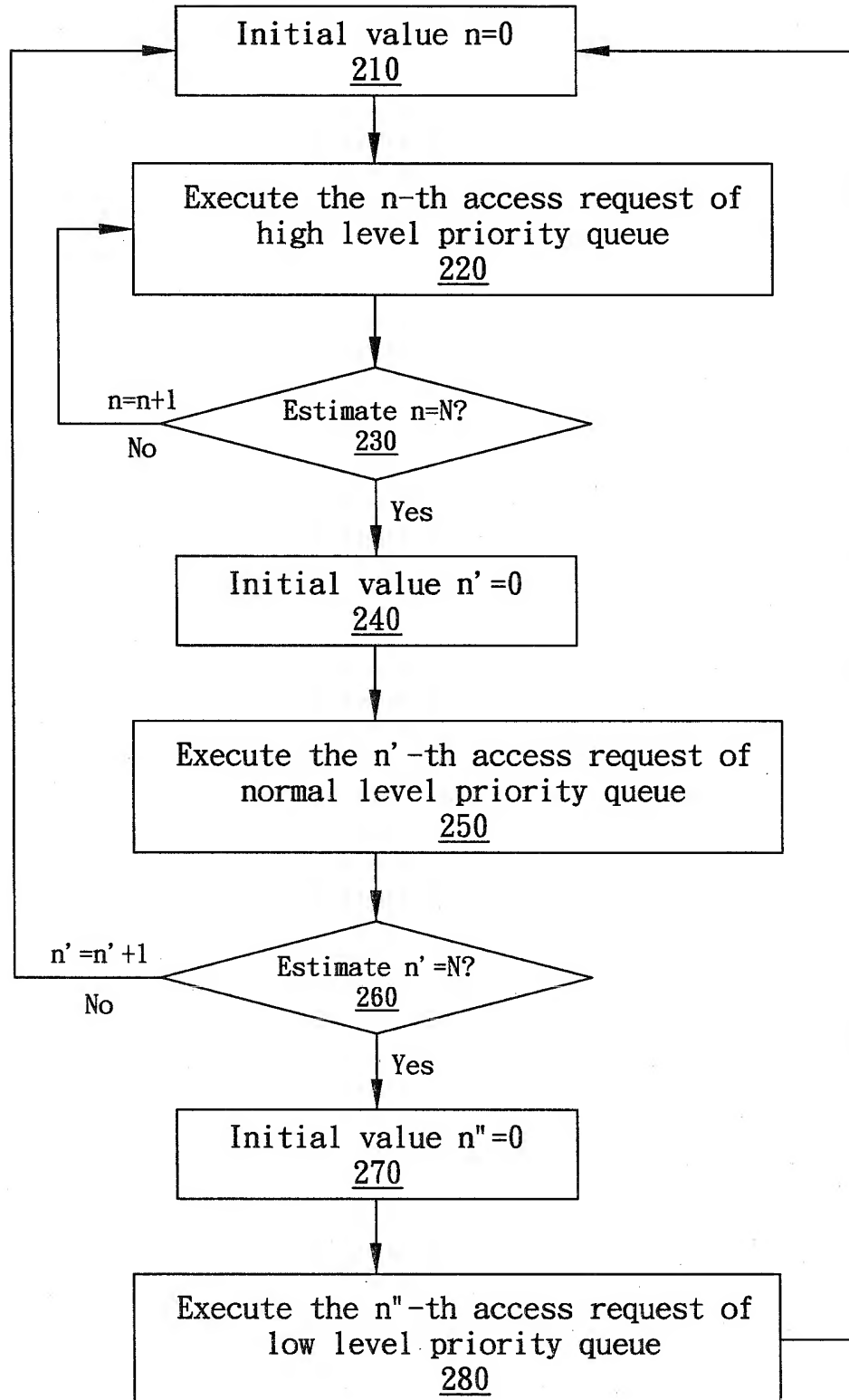


FIG. 2

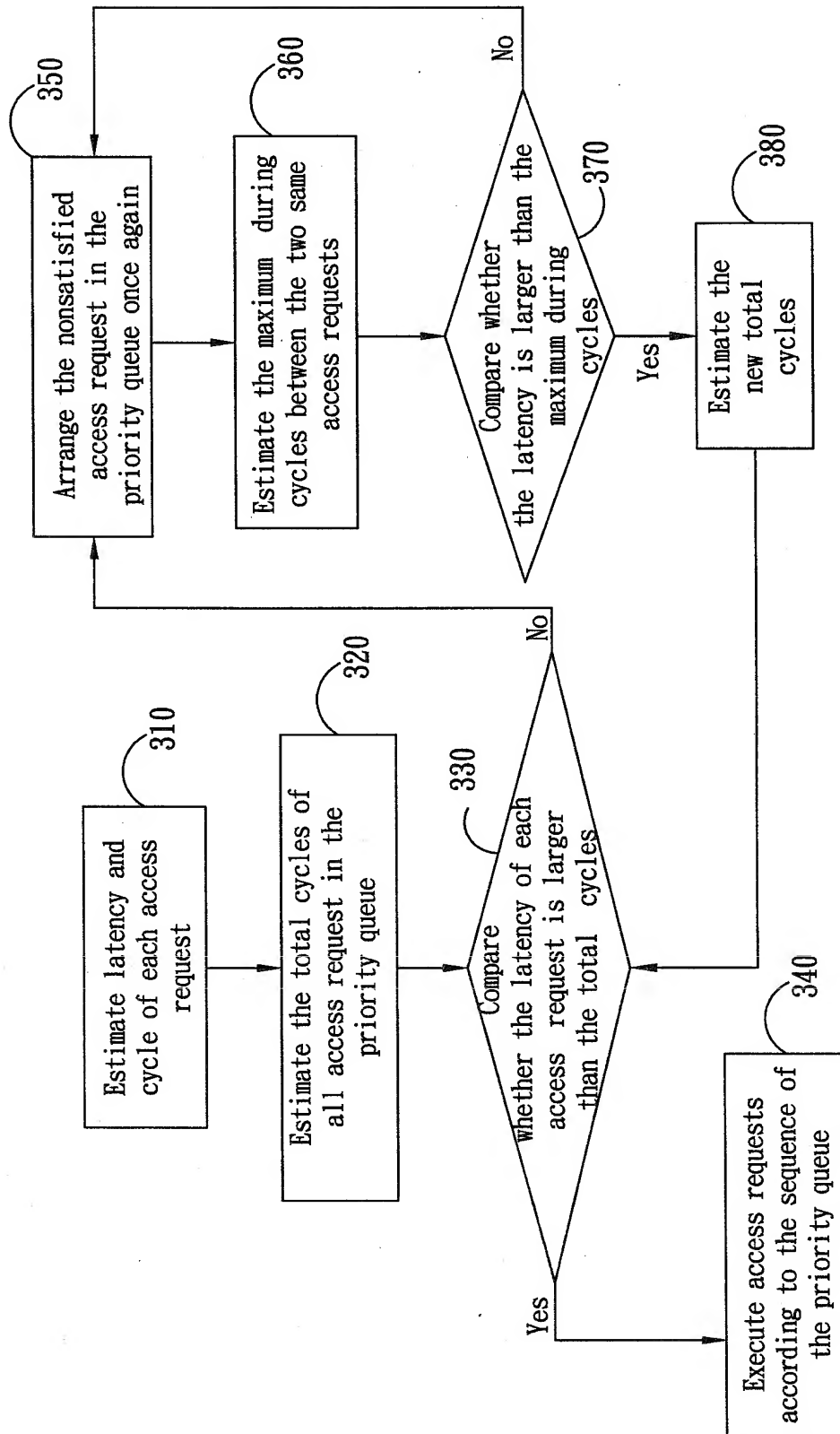
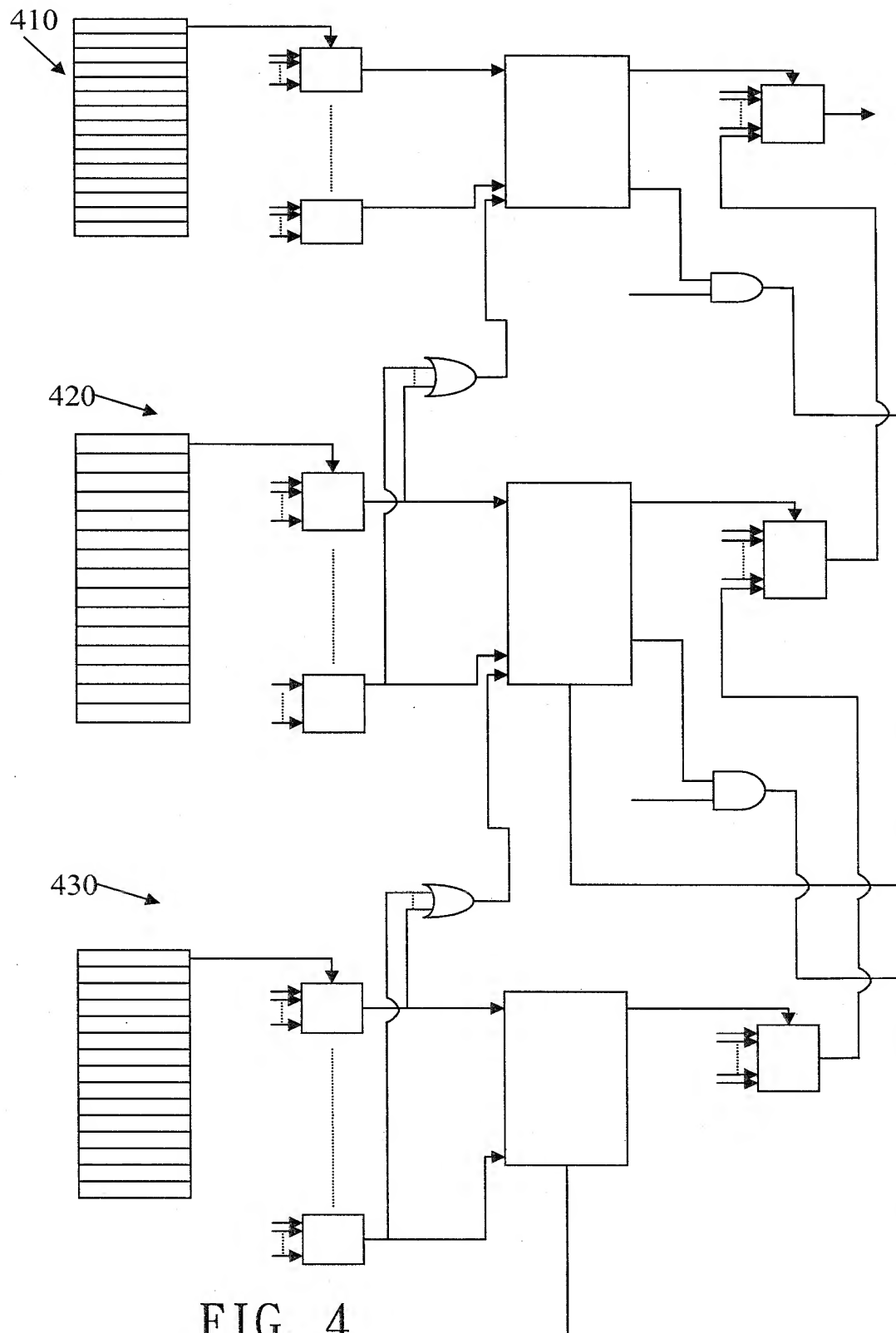


FIG. 3



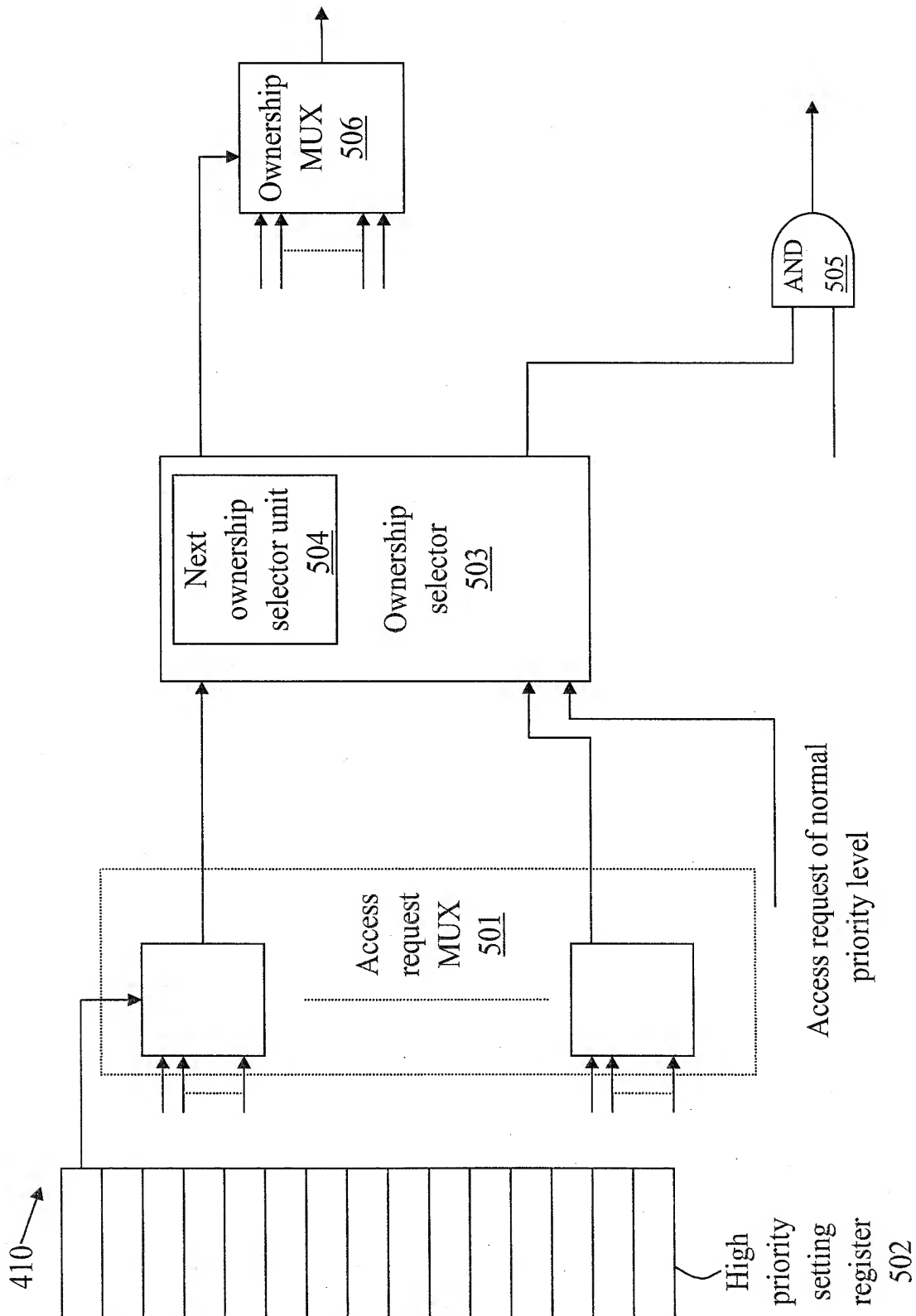


FIG. 5

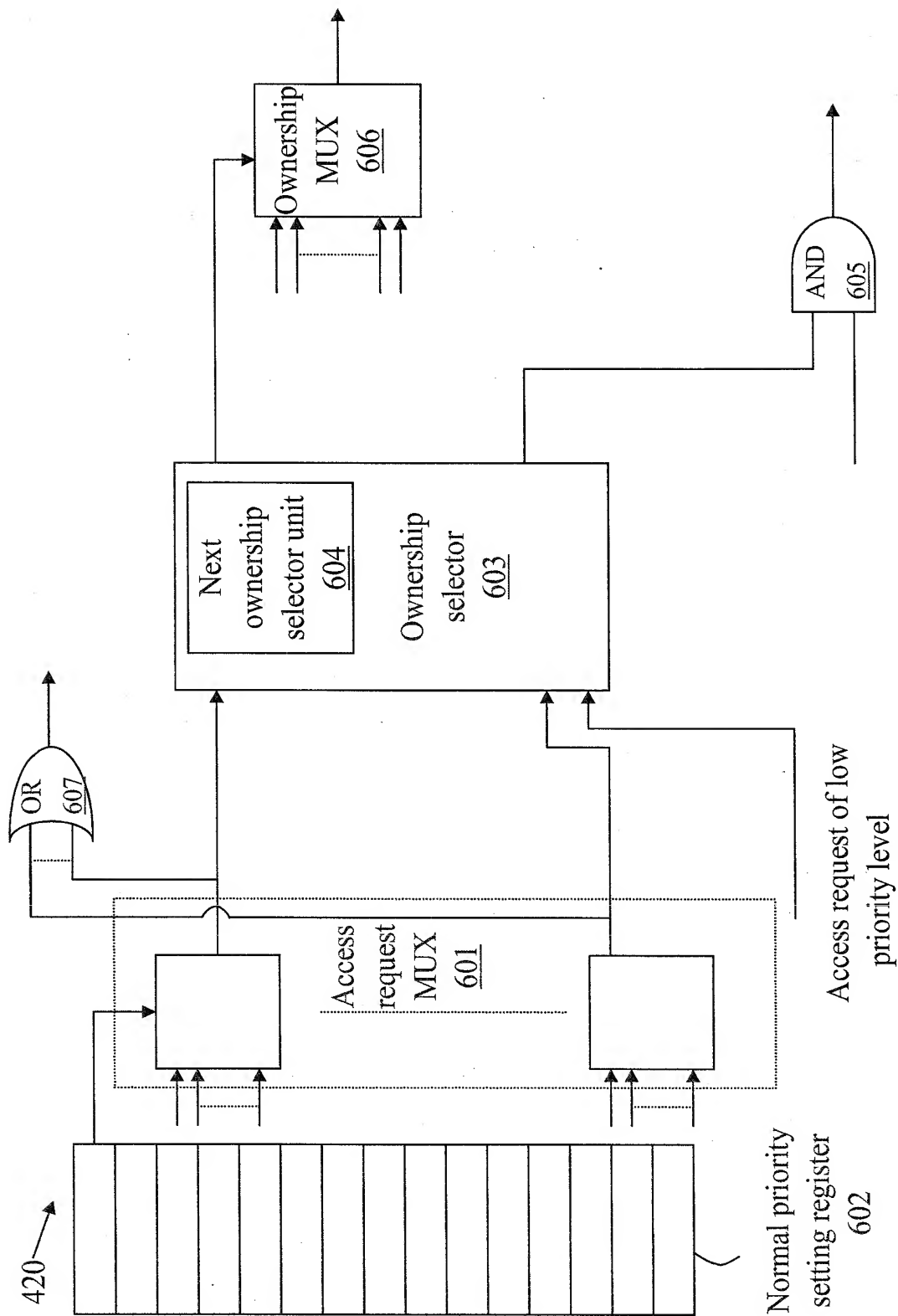


FIG. 6

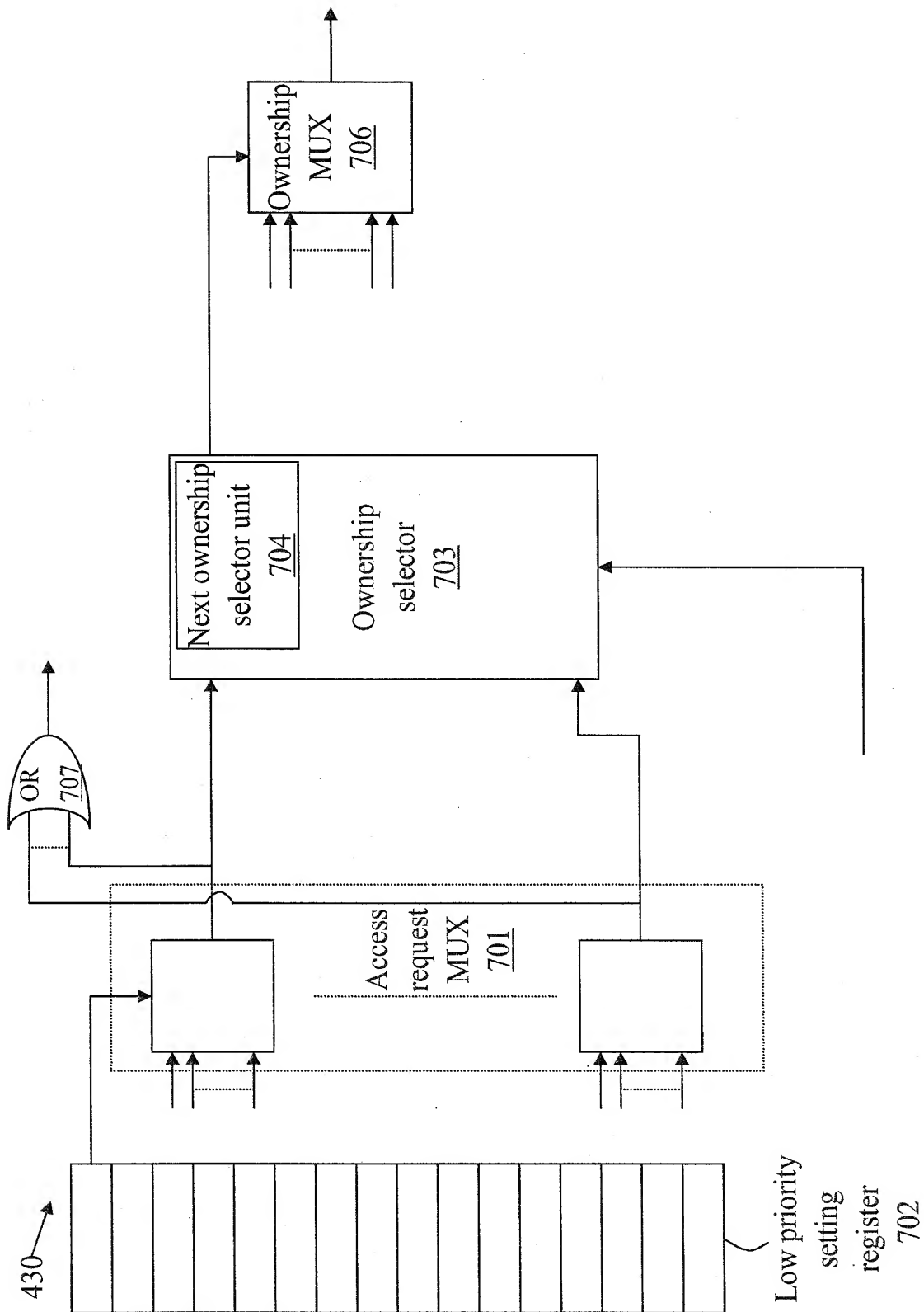


FIG. 7

Appl.No. 10/711,518  
Reply to Office action of Aug. 22,2007  
Replacement Sheet

High Priority					Normal Priority					Low Priority				
Slot	REQ NO.	Burst Length	Cycles(T)	Latency (T)	Slot	REQ NO.	Burst Length	Cycles(T)	Latency (T)	Slot	REQ NO.	Burst Length	Cycles(T)	Latency (T)
H0	3	64	26	128	N0	25	8	3	900	L0	2	32	13	3424
H1	19	24	10	111	N1	21	32	13	261	L1	5	48	20	4290
H2	10	12	5	76	N2	6	32	13	640	L2	8	32	13	infinite
H3	23	32	13	140	N3	22	32	13	640	L3	18	32	13	3520
H4	11	16	6	120	N4			0		L4	24	32	13	infinite
H5			0		N5			0		L5			0	
H6			0		N6			0		L6			0	
H7			0		N7			0		L7			0	
H8			0		N8			0		L8			0	
H9			0		N9			0		L9			0	
H10			0		N10			0		L10			0	
H11			0		N11			0		L11			0	
H12			0		N12			0		L12			0	
H13			0		N13			0		L13			0	
H14			0		N14			0		L14			0	
H15	N	48	20		N15	L	48	20		L15			0	
Totalcycles : 80					62					72				
					5					5				
					362					1400				
										1472				

FIG. 8(Prior Art)



Appl.No. 10/711,518  
Reply to Office action of Aug. 22,2007  
Replacement Sheet

High Priority					Normal Priority					Low Priority				
Slot	REQ NO.	Burst Length	Cycles(T)	Latency (T)	Slot	REQ NO.	Burst Length	Cycles(T)	Latency (T)	Slot	REQ NO.	Burst Length	Cycles(T)	Latency (T)
H0	3	64	26	128	N0	25	8	3	900	L0	2	32	13	3424
H1	19	24	10	111	N1	21	32	13	261	L1	5	48	20	4290
H2	10	12	5	76	N2	6	32	13	640	L2	8	32	13	infinite
H3	23	32	13	140	N3	22	32	13	640	L3	18	32	13	3520
H4	11	16	6	120	N4	21	32	13	261	L4	24	32	13	infinite
H5	10	12	5	76	N5			0		L5			0	
H6			0		N6			0		L6			0	
H7			0		N7			0		L7			0	
H8			0		N8			0		L8			0	
H9			0		N9			0		L9			0	
H10			0		N10			0		L10			0	
H11			0		N11			0		L11			0	
H12			0		N12			0		L12			0	
H13			0		N13			0		L13			0	
H14			0		N14			0		L14			0	
H15	N	48	20		N15	L	48	20		L15			0	
Totalcycles: 85					62					72				
					5					5				
					365					1400				
										1472				

FIG. 9